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Certificate of Analysis

Product 89635 - Cyclohexanone extrapure AR, 99.5% -
[108-94-1]
Batch No 2029307
Analysis Date 13-Mar-2024
Date of Manufacture March 2024
Expiry Date/Re-Test Date March 2029
Molecular Formula C6H10O
Molecular Weight 98.15

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Assay (GC)	min. 99.5%	99.99%
Density (g/ml) @ 20°C	0.945-0.947	0.945
Refractive Index (20°C)	1.450-1.451	1.450
Boiling Range	154-156°C	154-156°C
Non Volatile Matter	max. 0.02%	0.0005%
Acidity (CH3COOH)	max. 0.02%	0.002%
Iron (Fe)	max. 0.00005%	Passes
Heavy Metals (Pb)	max. 0.00005%	Passes
Cyclohexane (GC)	max. 0.001%	Passes
Cyclohexanol (GC)	max. 0.2%	Passes
Copper (Cu)	max. 0.00001%	Passes
Water (KF)	max. 0.05%	0.02%

FRM/82/11/2/89635 Rev No. 1 Date 01/11/2015

Prepared by Udit

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

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